

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 03/00783

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04Q7/34 H04L12/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 359 780 A (TELECOM ITALIA SPA) 5 November 2003 (2003-11-05) abstract paragraph '0005! - paragraph '0012! paragraph '0014! - paragraph '0020! claims 1-3	1-21
X	US 2002/145982 A1 (MOUCHTARIS PETROS ET AL) 10 October 2002 (2002-10-10) abstract paragraph '0006! - paragraph '0011!	1-21
Y	US 2003/061017 A1 (DOTARO EMMANUEL ET AL) 27 March 2003 (2003-03-27) abstract paragraph '0006! - paragraph '0013! paragraph '0051! - paragraph '0053! paragraph '0022! - paragraph '0027!	1-21
	-/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

11 October 2004

Date of mailing of the international search report

18/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax (+31-70) 340-3016

Authorized officer

Wolf, W

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 03/00783

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/104055 A (CALOCHIRA GIORGIO ; NANNICINI SAVERIO (IT); GORIA PAOLO (IT); SORBARA) 27 December 2002 (2002-12-27) abstract claims 1,2 page 4, line 4 - page 7, line 4 -----	1-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT 03/00783

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1359780	A	05-11-2003	IT T020020350 A1	22-10-2003
			EP 1359780 A1	05-11-2003
			US 2003204390 A1	30-10-2003
<hr/>				
US 2002145982	A1	10-10-2002	NONE	
<hr/>				
US 2003061017	A1	27-03-2003	FR 2830094 A1	28-03-2003
			EP 1300985 A2	09-04-2003
<hr/>				
WO 02104055	A	27-12-2002	IT T020010568 A1	16-12-2002
			CA 2449587 A1	27-12-2002
			EP 1396165 A1	10-03-2004
			WO 02104055 A1	27-12-2002
			US 2004172231 A1	02-09-2004
<hr/>				